

a first program code segment that causes a first transmitting unit to transmit information concerning a prospective transaction to an authentication system that supplies different

5 matching keys to the users;

a second program code segment that causes a first receiving unit to receive the matching keys to the transaction from the authentication system in response to transmitted information concerning the

10 prospective transaction;

a third program code segment that causes a second transmitting unit to exchange matching keys between the users, and transmits the exchanged matching keys to the authentication system for

15 matching; and

a fourth program code segment that causes a second receiving unit to receive match results from the authentication system.

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